

Work Order ID 81597

March-16-12 8:34:41 AM

81597

Page 1

Item ID: D412-742-018

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Cable Guard

Stop

NS2

Start Date: 15/03/2012 Start Qty: 2.00

2

Cust Item ID:

Required Date: 29/03/2012 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: MLJ

Date: 12/03/12 Tooling:

Date:

Run Start *NR1*

QC:

Date: SPC (Y/N):

Date:

Stop

NR2

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

| Draw Nbr | Revision Nbr | | | | | | | | |
|----------|--------------|--|--|--|--|--|--|--|--|
|----------|--------------|--|--|--|--|--|--|--|--|

| | | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|
| IIN-D412-742 | E | | | | | | | | |
|--------------|---|--|--|--|--|--|--|--|--|

| | | | | | | | | | |
|-----|--|------|--|--|--|--|--|--|--|
| 100 | | 0.00 | | | | | | | |
|-----|--|------|--|--|--|--|--|--|--|

100 DOCUMENT CONTROL

DC Memo 0.00

Document Control Photocopy bluefile & type labels per PPP D412-742-018

CHG002

6/6/12

6/6/12 12-6-14

②

SP

12/06/15 JFB

| | | | | | | | | | |
|-----|----------|------|--|--|--|--|--|--|--|
| 110 | Pick Kit | 0.00 | | | | | | | |
|-----|----------|------|--|--|--|--|--|--|--|

110 DOCUMENT CONTROL

Packaging Memo 0.00

Packaging Photocopy bluefile & type labels per PPP D412-742-018

| | | | | | | | | | |
|-----|----------|------|--|--|--|--|--|--|--|
| 120 | Pick Kit | 0.00 | | | | | | | |
|-----|----------|------|--|--|--|--|--|--|--|

120 DOCUMENT CONTROL

QC Memo 0.00

Quality Control Photocopy bluefile & type labels per PPP D412-742-018

| | | | | | | | | | |
|-----|---|------|--|--|--|--|--|--|--|
| 120 | QC4- 100% Inspect kits for completeness | 0.00 | | | | | | | |
|-----|---|------|--|--|--|--|--|--|--|

120 DOCUMENT CONTROL

QC Memo 0.00

Quality Control Photocopy bluefile & type labels per PPP D412-742-018

6/6/12

②

| W/O: | | WORK ORDER CHANGES | | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|--|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector | |
| | | | | | | | | |
| | | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

Work Order ID 81597

March-16-12 8:34:41 AM

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Page 2

Item ID: D412-742-018

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Cable Guard

Stop

NS2

Start Date: 15/03/2012 Start Qty: 2.00 *2*

Cust Item ID:

Required Date: 29/03/2012 Req'd Qty: 2.00 *2*

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

130

Packaging

Packaging

Memo

0.00

0.00

(20)

12-6-18

Packaging

Identify and pack for shipping as per PPP D412-742-018

Location: SO
PPP Rev: B

140

140

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

12/6/19

ME
12-06-18

| W/O: | | WORK ORDER CHANGES | | | | | | | |
|------|------|--------------------|--|--|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | | | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | | |
| | | | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector | |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | | |
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NOTE: Date & initial all entries

Picklist Print

March-16-12 8:34:46 AM

Page 1

Work Order ID: 81597

81597
D412-742-018

Parent Item: D412-742-018

Parent Item Name: Cable Guard

Start Date: 15/03/2012

Required Date: 29/03/2012

Start Qty: 2.00

Required Qty: 2.00

Comments:

IPP Rev:A New Issue 06-05-05 JLM
IPP rev:B As per Rev B 06-08-03 JLM
IPP revC per ecn 844 06.09.12 EC
10.06.10 NAS 1515H3L was replace with D3672-1 DD
verf:JLM
12.01.12 PER IIN REV.E DD VERF:EC

IPP Rev:D

IPP rev:E

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|

| | | | | | | | | | | | | | |
|----------------------|--|--------------|----|--|-----|------|----------|--|----|--------|----|----------|--|
| D3499-042 | | Manufactured | No | | 110 | Each | 0.0000 | | 1 | 2 | ✓ | | |
| *D3499-042* | | | | | | | | | ** | 84093 | JB | | |
| Cable Guard Assembly | | | | | | | | | | | | | |
| AN3C5A | | Purchased | No | | 110 | Each | 982.0000 | | 5 | 10 | ✓ | | |
| *AN3C5A* | | | | | | | | | ** | 121444 | JB | 12/06/15 | |
| Bolt | | | | | | | | | | | | | |

| Location | Loc Qty | Loc Code |
|----------|---------|----------|
| FP001 | 7 | |
| 115835 | 7 | |
| ST350 | 975 | |
| 116419 | 28 | |
| 117343 | 13 | |
| 117764 | 7 | |
| 117872 | 2 | |
| 119749 | 23 | |
| 120423 | 902 | |

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
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NOTE: Date & initial all entries

Picklist Print

March-16-12 8:34:46 AM

Page 2

Work Order ID: 81597

Parent Item: D412-742-018

Parent Item Name: Cable Guard

81597
D412-742-018

Start Date: 15/03/2012

Start Qty: 2.00

Required Date: 29/03/2012

Required Qty: 2.00

AN3C7A

Purchased No 110 Each 131.0000

S
AN3C7A
BOLT

3 6
** 121541 JB SP

| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|-----------------|----------------|-----------------|
| ST351 | 131 | |
| 113149 | 14 | |
| 116169 | 1 | |
| 117313 | 10 | |
| 117619 | 12 | |
| 117688 | 6 | |
| 119749 | 1 | |
| 120731 | 87 | |

AN3C10A

Purchased No 110 Each 56.0000

S
AN3C10A
Bolt

2 4
** JB SP

| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|-----------------|----------------|-----------------|
| ST351 | 56 | |
| 112489 | 6 | |
| 119798 | 50 | |

D3672-1

Manufactured No 110 Each 1,206.0000

S
D3672-1
Phenolic Washer

10 20
** JB 12/06/12

| <u>Location</u> | <u>Loc Qty</u> | <u>Loc Code</u> |
|-----------------|----------------|-----------------|
| FP001 | 202 | |
| 66821 | 202 | |
| ST060 | 1004 | |
| 72229 | 4 | |
| 76277 | 500 | |
| 80369 | 500 | |

80369

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

Picklist Print

March-16-12 8:34:46 AM

Page 3

Work Order ID: 81597

81597

Parent Item: D412-742-018

D412-742-018

Parent Item Name: Cable Guard

AN960C10L

NAS1149C0332

Purchased

No

110

Each

0.0000

Start Date: 15/03/2012

Required Date: 29/03/2012

Start Qty: 2.00

Required Qty: 2.00

10 20 ✓

R

AN960C101

washer

**

122063 JB 12/06/15

| W/O: | | WORK ORDER CHANGES | | | | | | | |
|------|------|--------------------|--|--|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | | | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | | |
| | | | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
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| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

5.3 D412-742-018 Cable Guard Parts List

| Item | Qty 018 | Part Number | Description |
|------|------------|--------------|-------------------------------|
| | X | D412-742-018 | CABLE GUARD KIT |
| 101 | 1 | D3499-042 | CABLE GUARD ASSEMBLY |
| 102 | 1 | *D3499-2 | *MOUNTING PLATE |
| 103 | 1 | *D3499-3 | *PLASTIC GUARD |
| 104 | 2 | *D3499-5 | *PLACARD |
| 105 | 2 | *AN3C5A | *BOLT |
| 106 | 3 | *AN3C6A | *BOLT |
| 107 | 10 | *AN960C10L | *WASHER |
| 108 | 5 | *MS21043-3 | *NUT |
| 109 | 5 | *D3672-1 | *WASHER (REPLACES NAS1515H3L) |
| 120 | 5 | *AN3C5A | BOLT |
| 121 | 3 | *AN3C7A | BOLT |
| 122 | 2 | *AN8C10A | BOLT |
| 123 | 10 | *D3672-1 | WASHER (REPLACES NAS1515H3L) |
| 124 | 10 | *AN960C10L | WASHER |

*DENOTES PART IS INCLUDED WITH D3499-042 ASSEMBLY ABOVE